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Connecting device for two workpieces, in particular for  
bar-type hollow profiles

## BACKGROUND OF THE INVENTION

## (1) Field of Invention

The invention relates to a connecting device for connecting a first workpiece having an interior space - in particular a bar-type hollow profile - to another workpiece by means of a screw or similar member, the shank of which passes through an opening of the workpiece and can be inserted into an opposing element in the interior space.

## (2) Prior Art

The document DE 92 15 843 by the Applicant describes a connecting device for fixing in an undercut interior space of a longitudinal groove of a hollow profile or similar workpiece, having at least one dimension which exceeds the width of the narrow groove cross section for connecting a first workpiece having the longitudinal grooves to another workpiece which for its part has longitudinal grooves whose cross section opens toward the end of the profile. This element is used in particular for metal hollow profiles in respect of which the interior space is not accessible from outside; it is designed to be approximately cuboid and has at least two flank walls which lie opposite one another and are inclined at an angle and also a spring member which at one end is fixed on one of the inclined flank walls and at the other end engages over the narrow upper surface of the element with its free end. In the unstressed condition of the spring, the latter is arranged at a distance from the element. If the spring member is pressed against the nut element, the latter can readily be inserted into the undercut groove by its narrow side first.

In another connecting member for fixing in an undercut groove space of a longitudinal groove of a hollow profile

Substitute  
spec  
Entered  
P.L. 7/6/07